Fig. 1

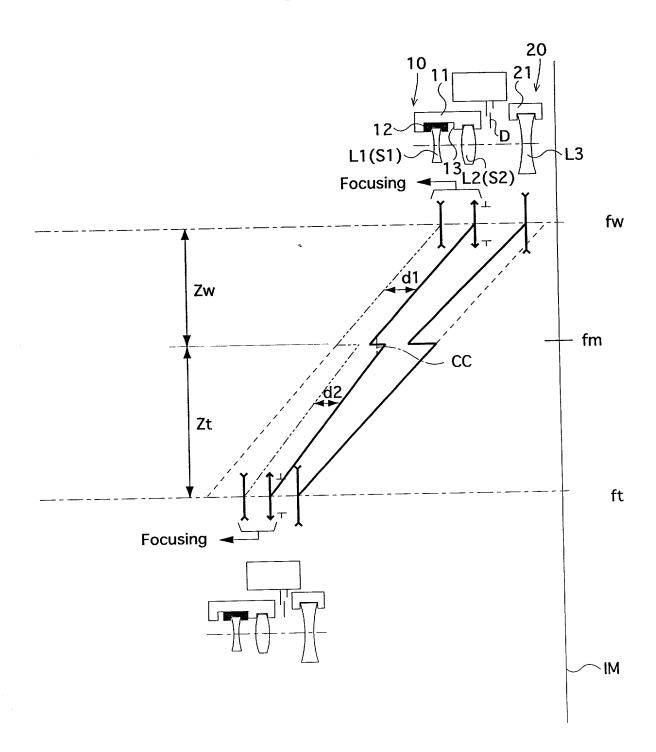


Fig. 2

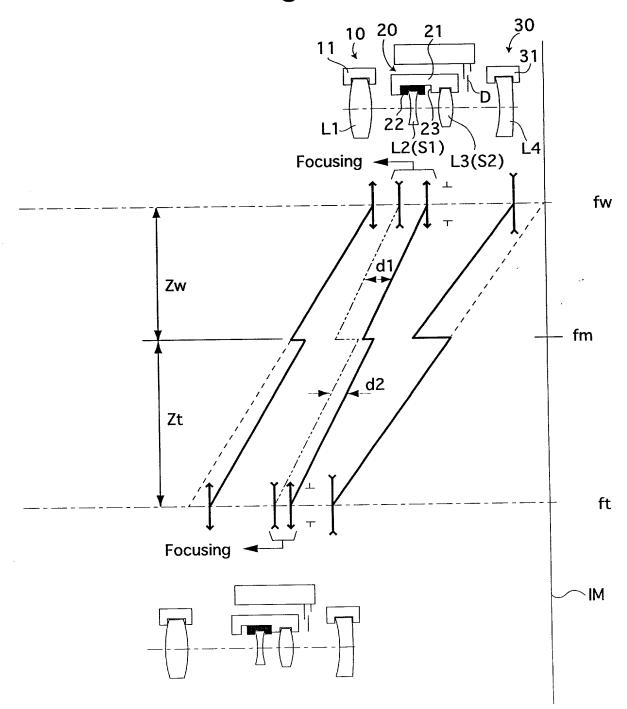


Fig. 3

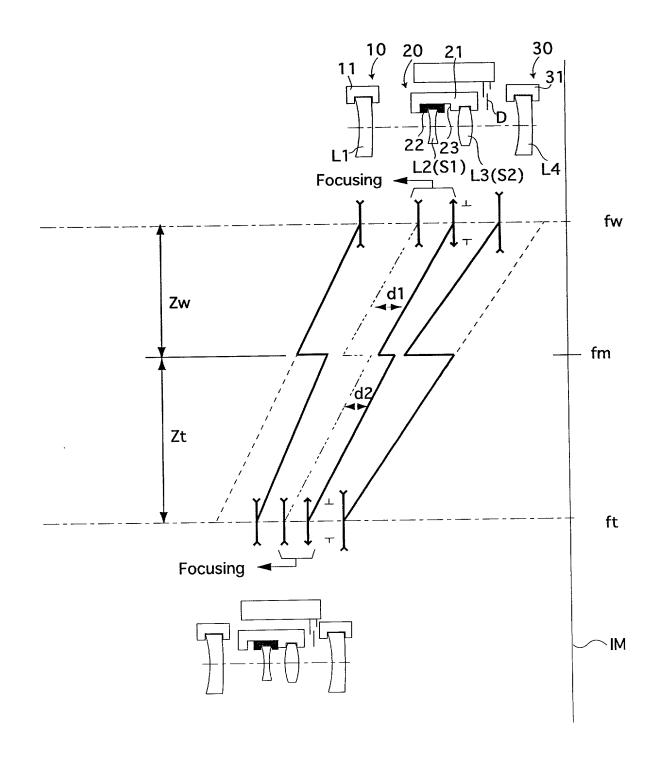


Fig. 4

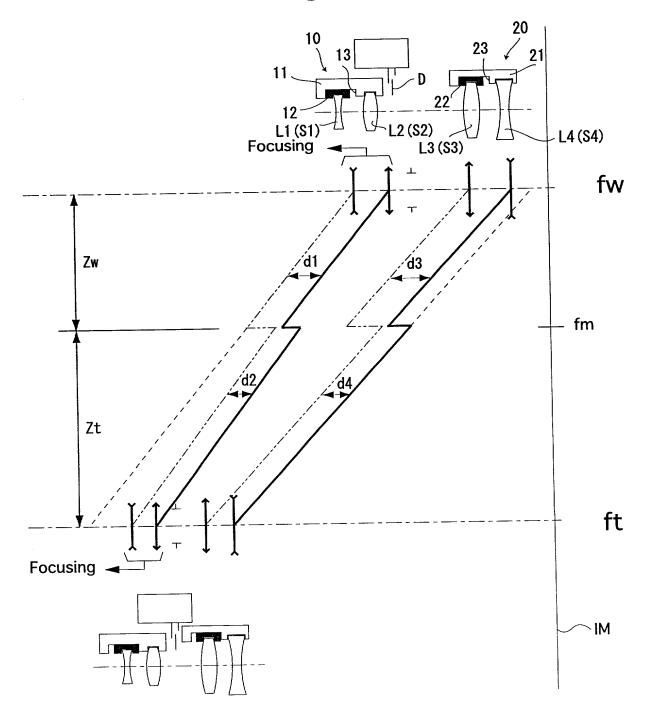


Fig. 5

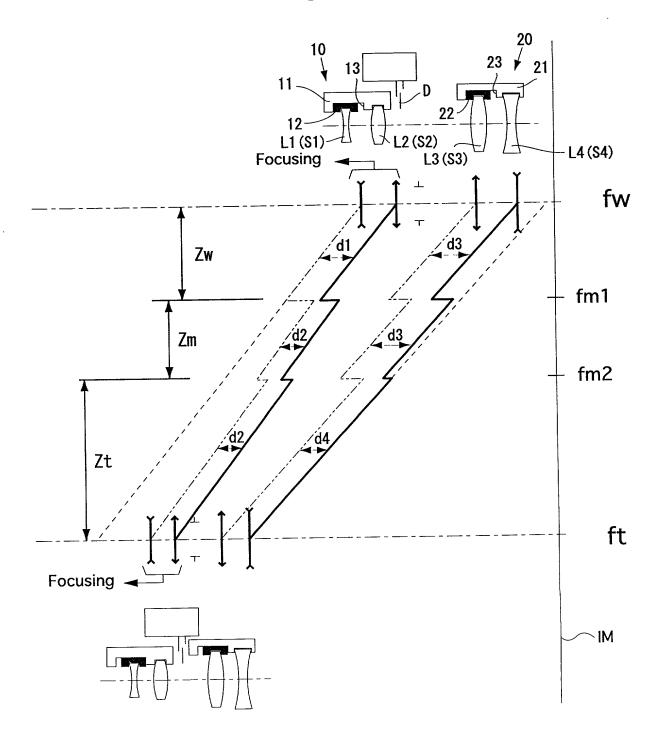


Fig. 6

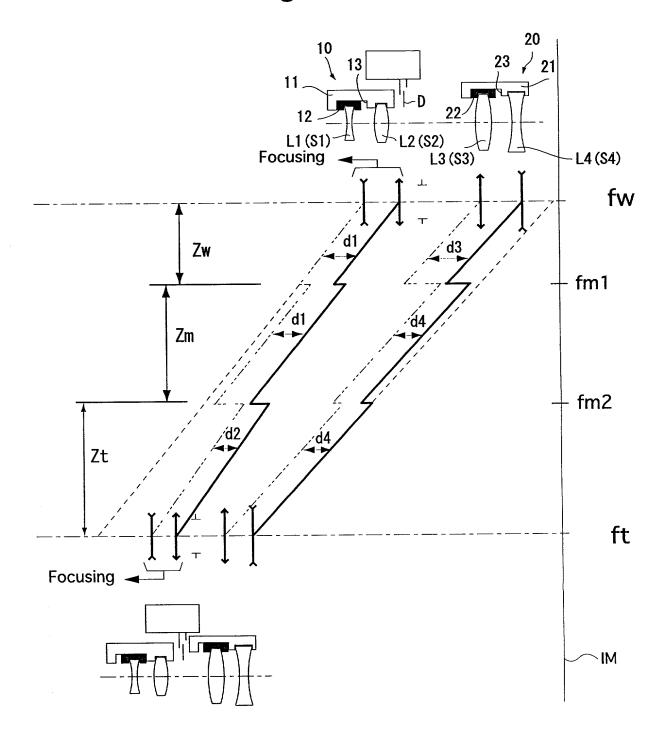


Fig.7

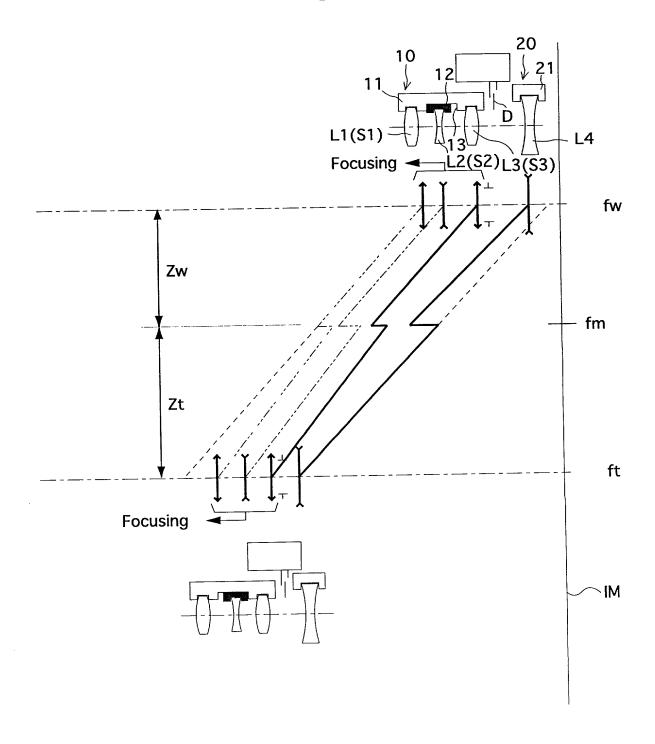


Fig.8

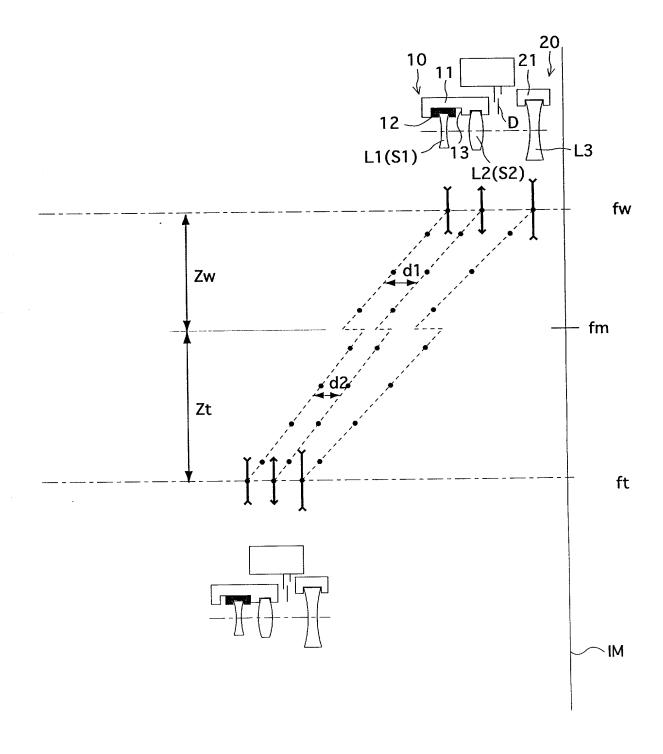


FIG. 9A

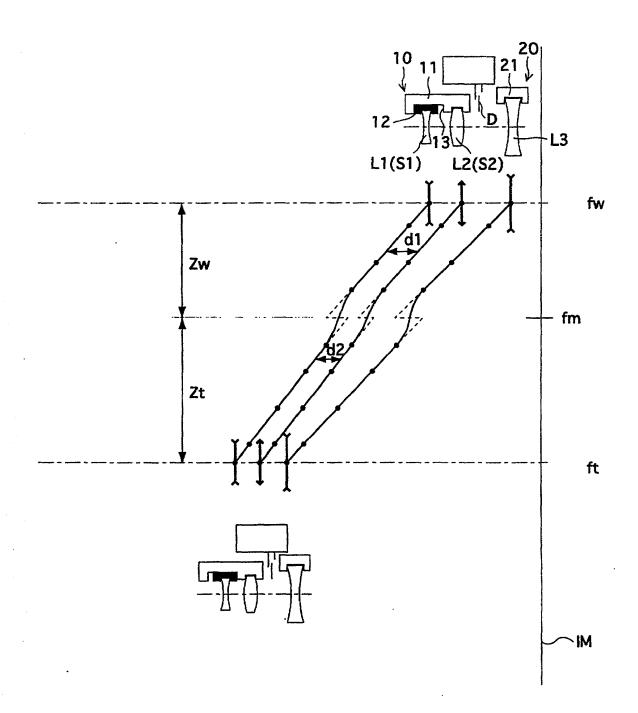
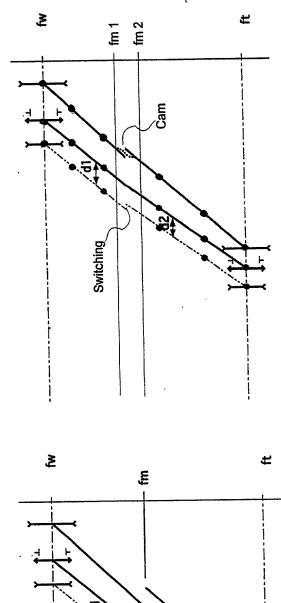
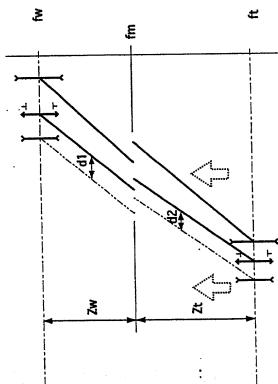
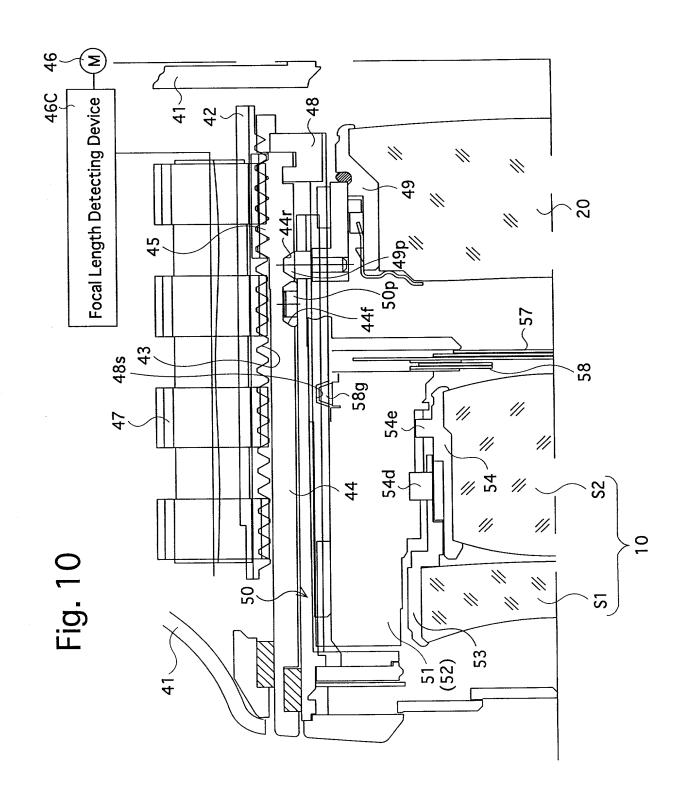


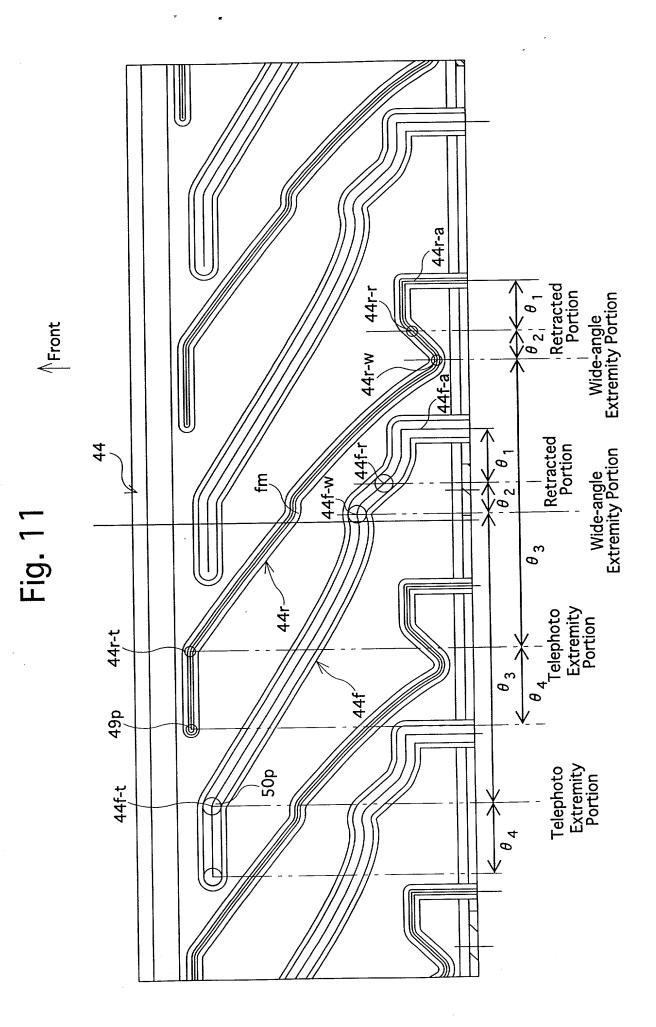
FIG. 9B

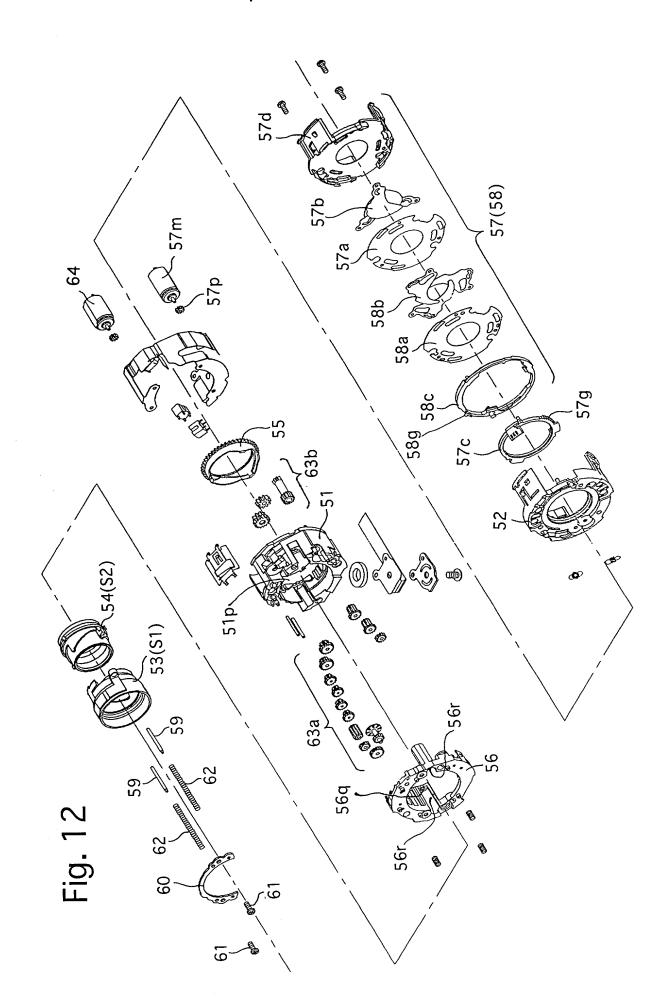
FIG. 9C

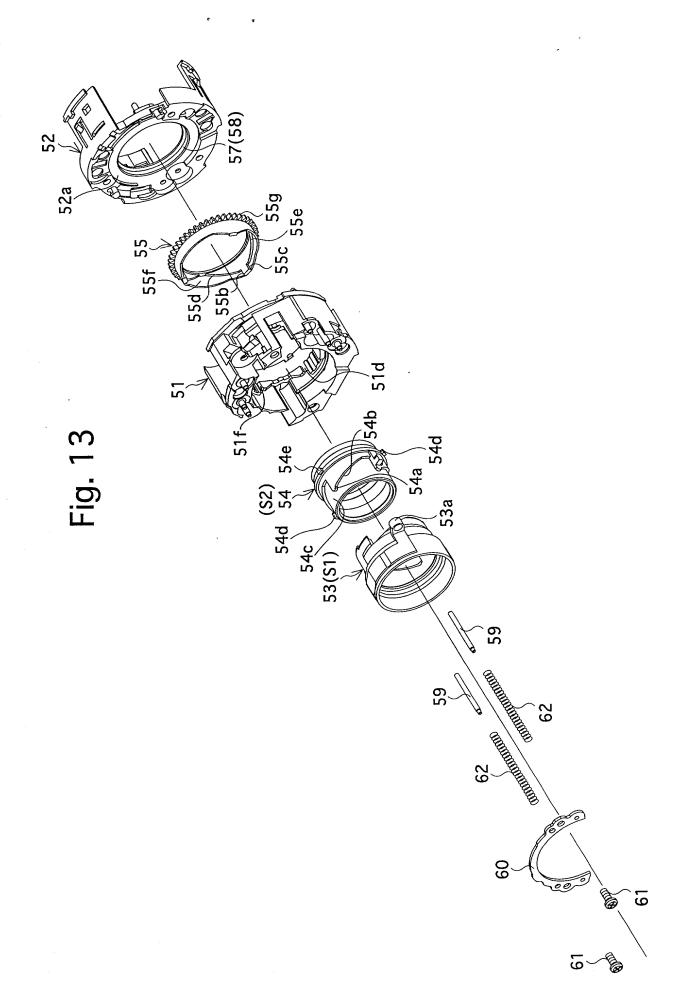


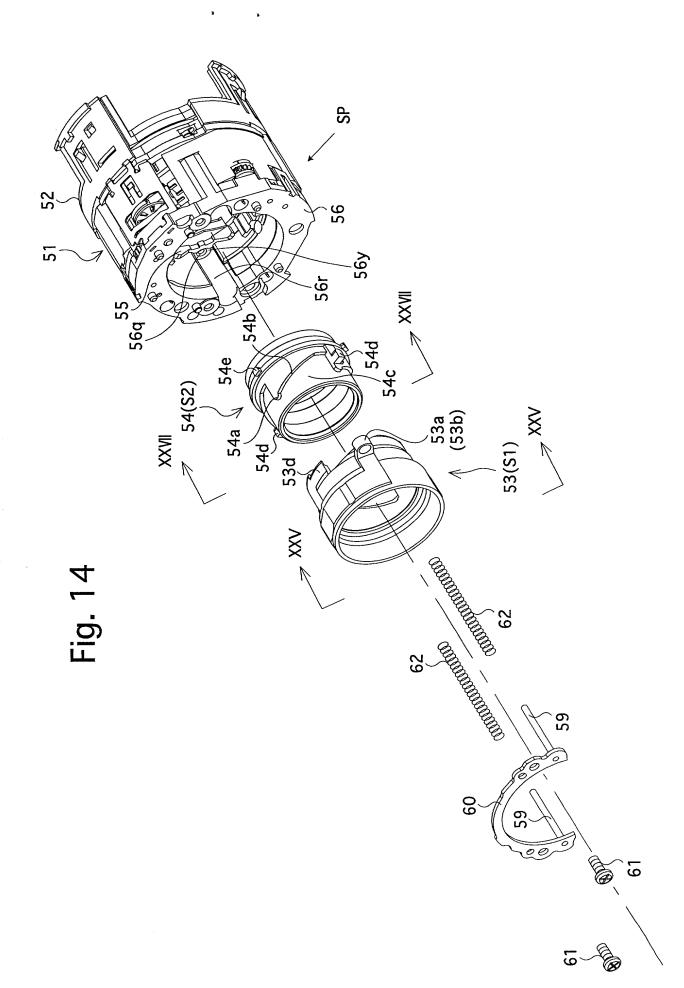












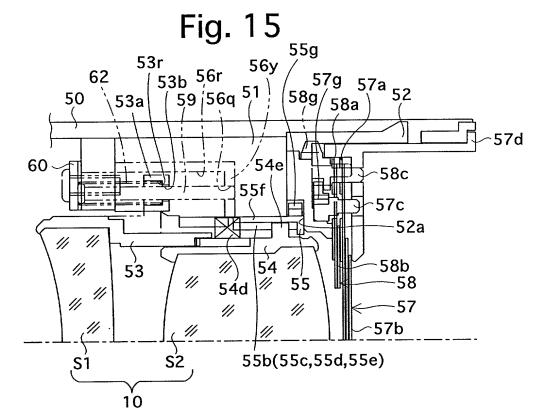


Fig. 16

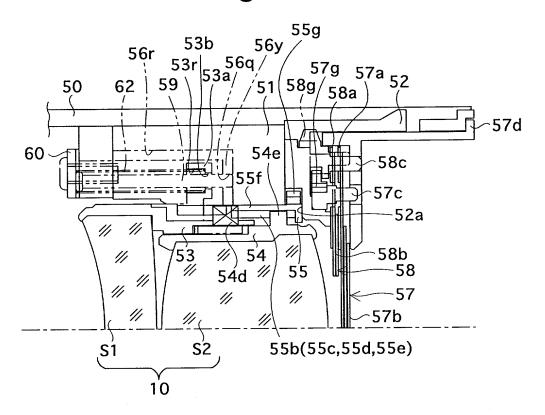


Fig. 17A

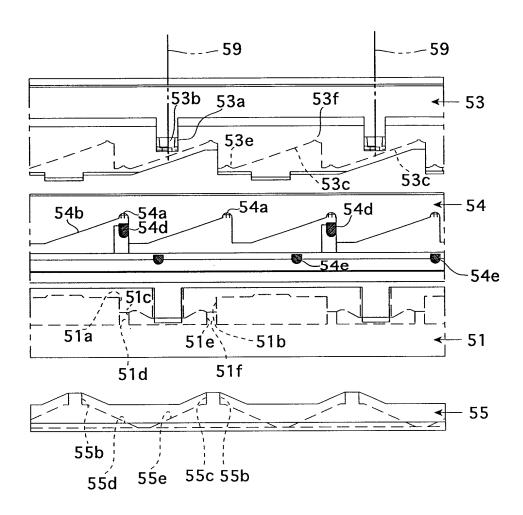


Fig. 17B

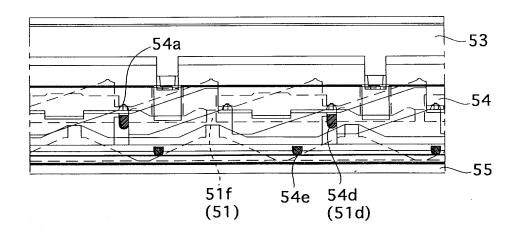


Fig. 18A

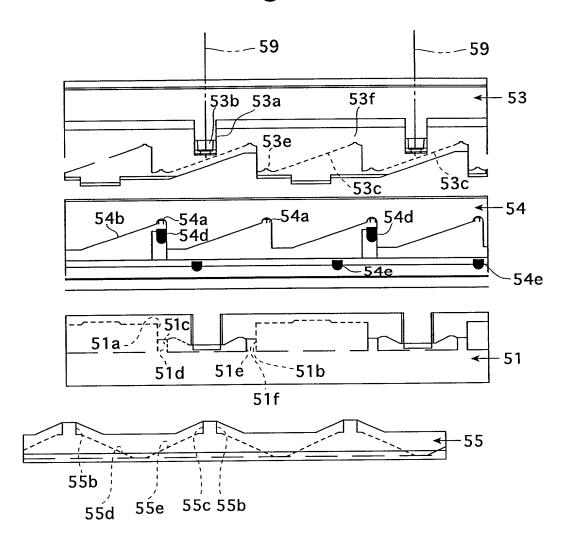


Fig. 18B

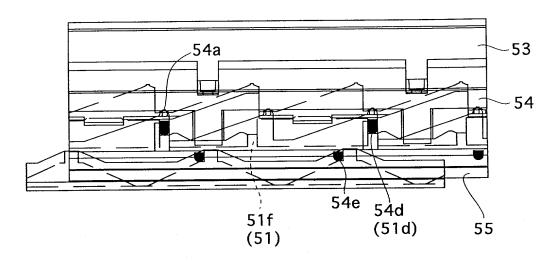


Fig. 19A

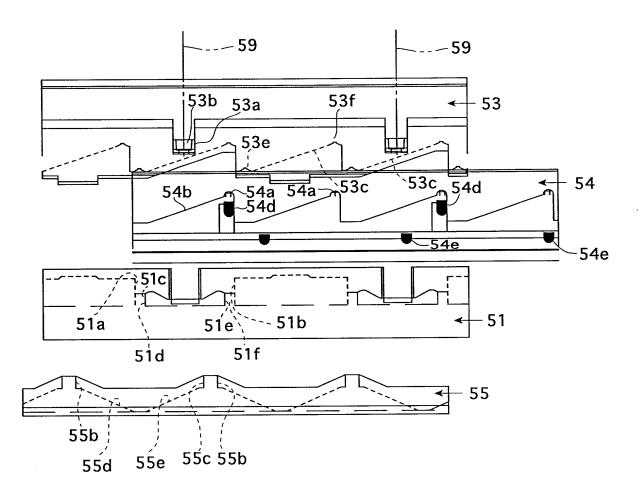
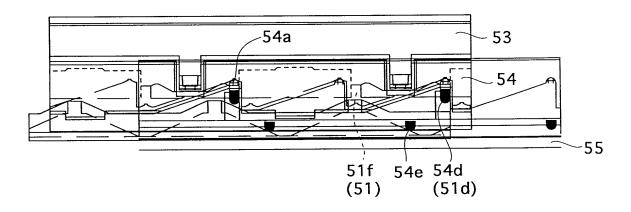


Fig. 19B



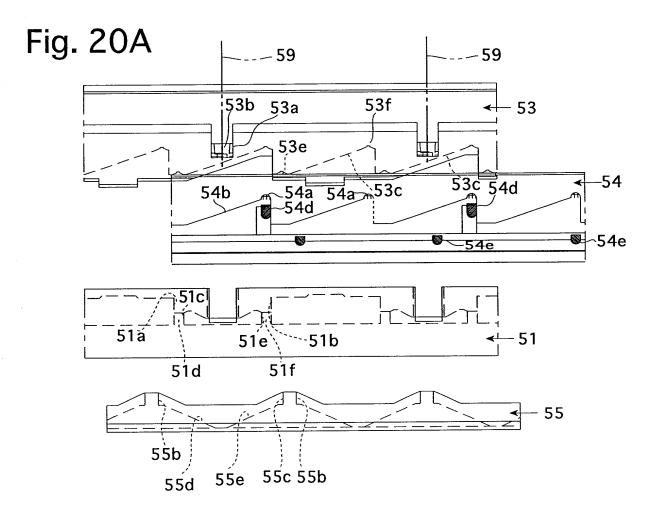
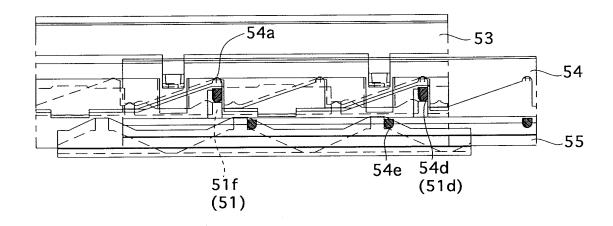
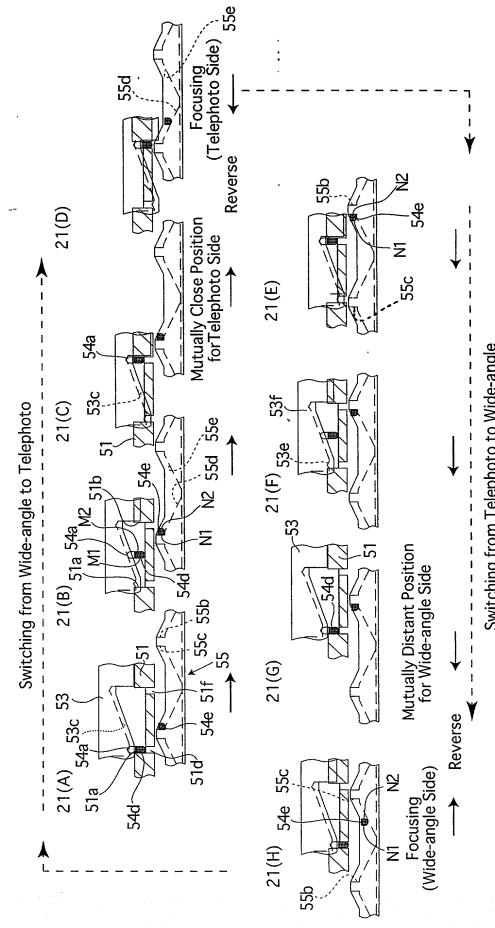


Fig. 20B



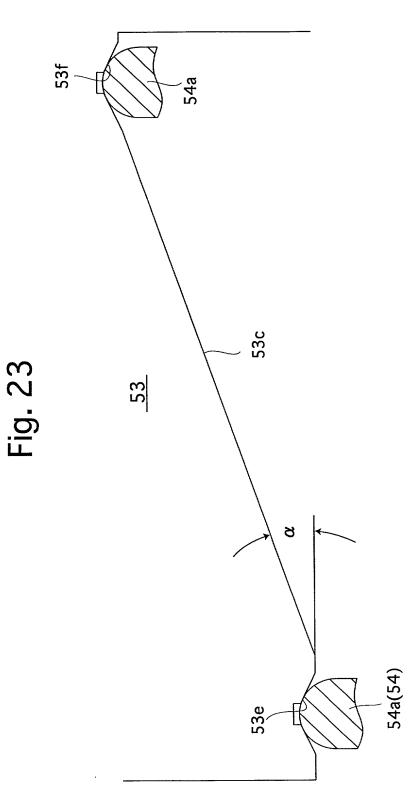


Switching from Telephoto to Wide-angle

Fig. 22

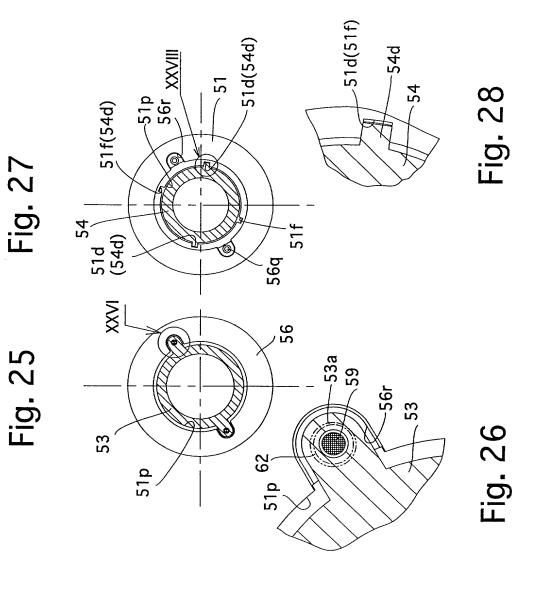
55c 55b 54e N1 N2 55a 54e

Seference n 55d ∞ c ∞ 55e n Reference
Position
Telephoto Side Wide-angle Side Focusing Range pt pw



/51 53 53f 51e Fig. 24 M2 53c N2 54e 55 **N**3 Ξ 53e 51d 51a 54d~ 54a\_

, C



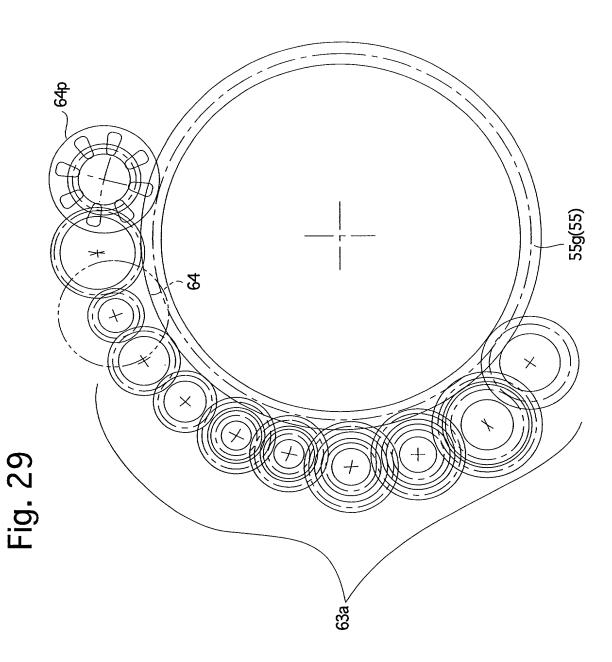


Fig. 30

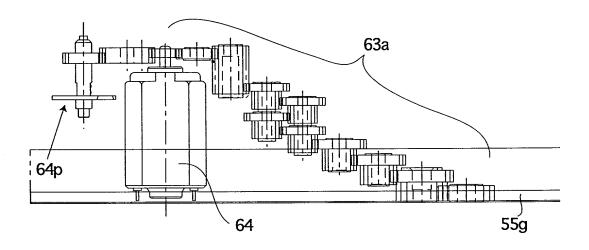


Fig.31

